

formed by R^o , R^p , and R^q with the adjacent carbon atom.

The compounds of the formulae (14a) and (14b) each having a methine carbon atom include the compounds exemplified as the compounds (A3) such as the bridged cyclic compounds (A3-1a), the non-aromatic cyclic compounds (A3-1b), each having a hydrocarbon group bonded to its ring, and the chain compounds (A3-2) each having a methine carbon atom. The compound of the formula (14a) and the compound of the formula (14b) may be identical to or different from each other.

A reaction can be performed in accordance with the invented process for producing an organic compound. Reaction products can be separated and purified by the same separation means as above.

In this reaction, the coupling product of the formula (20) is supposed to be formed in the following manner. A radical is formed at the methine carbon position of the compound of the formula (14a), and this radical attacks the methine carbon atom of the compound of the formula (14b) to yield the coupling product of the formula (20).

As thus described, the invented process can efficiently produce a variety of organic ~~compound~~^{Compound} by an addition or substitution reaction under mild conditions. The invented process can further bond a hydroxymethyl group, an alkoxymethyl group, an acyl group, a tertiary carbon atom or the like directly to a carbon atom constituting an unsaturated bond of

002260" 10022960

70 10/4/06